

0x10	page composition segment	defined in 7.2.1
0x11	region composition segment	defined in 7.2.2
0x12	CLUT definition segment	defined in 7.2.3
0x13	object data segment	defined in 7.2.4
0x14	enhanced page composition segment	defined here
0x15	enhanced region composition segment	defined here
0x40 - 0x7F	reserved for future use	
0x80	end of display set segment	defined in 7.2.5
0x81 - 0xEF	private data	
0xFF	stuffing	
All other values	reserved for future use	

Fig. 1

Line	Syntax	Size	Type
1	<code>page_composition_segment () {</code>		
2	<code> sync_byte</code>	8	<code>bslbf</code>
3	<code> segment_type</code>	8	<code>bslbf</code>
4	<code> page_id</code>	16	<code>bslbf</code>
5	<code> segment_length</code>	16	<code>uimsbf</code>
6	<code> page_time_out</code>	8	<code>uimsbf</code>
7	<code> page_version_number</code>	4	<code>uimsbf</code>
8	<code> page_state</code>	2	<code>bslbf</code>
9	<code> reserved</code>	2	<code>bslbf</code>
10	<code> while (processed_length < segment_length) {</code>		
11	<code> region_id</code>	8	<code>bslbf</code>
12	<code> reserved</code>	8	<code>bslbf</code>
13	<code> region_horizontal_address</code>	16	<code>uimsbf</code>
14	<code> region_vertical_address</code>	16	<code>uimsbf</code>
15	<code> region_cropping</code>	8	<code>bslbf</code>
16	<code> if (region_cropping == '0x01') {</code>		
17	<code> region_horizontal_cropping</code>	16	<code>uimsbf</code>
18	<code> region_vertical_cropping</code>	16	<code>uimsbf</code>
19	<code> region_cropping_width</code>	16	<code>uimsbf</code>
20	<code> region_cropping_height</code>	16	<code>uimsbf</code>
21	<code> }</code>		
22	<code> region_sub_CLUT</code>	8	<code>uimsbf</code>
23	<code> for (i=0; i < region_sub_CLUT; i++) {</code>		
24	<code> sub_CLUT_horizontal_address</code>	16	<code>uimsbf</code>
25	<code> sub_CLUT_vertical_address</code>	16	<code>uimsbf</code>
26	<code> sub_CLUT_width</code>	16	<code>uimsbf</code>
27	<code> sub_CLUT_height</code>	16	<code>uimsbf</code>
28	<code> }</code>		
29	<code> }</code>		
30	<code>}</code>		

Fig. 2

Line	Syntax	Size	Type
1	<code>region_composition_segment () {</code>		
2	<code> sync_byte</code>	8	<code>bslbf</code>
3	<code> segment_type</code>	8	<code>bslbf</code>
4	<code> page_id</code>	16	<code>bslbf</code>
5	<code> segment_length</code>	16	<code>uimsbf</code>
6	<code> region_id</code>	8	<code>uimsbf</code>
7	<code> region_version_number</code>	4	<code>uimsbf</code>
8	<code> region_fill_flag</code>	1	<code>bslbf</code>
9	<code> reserved</code>	3	<code>bslbf</code>
10	<code> region_width</code>	16	<code>uimsbf</code>
11	<code> region_height</code>	16	<code>uimsbf</code>
12	<code> region_level_of_compatibility</code>	3	<code>bslbf</code>
13	<code> region_depth</code>	3	<code>bslbf</code>
14	<code> reserved</code>	2	<code>bslbf</code>
15	<code> CLUT_id</code>	8	<code>bslbf</code>
16	<code> sub_CLUT_id</code>	8	<code>bslbf</code>
17	<code> region_8-bit_pixel-code</code>	8	<code>bslbf</code>
18	<code> region_4-bit_pixel-code</code>	4	<code>bslbf</code>
19	<code> region_2-bit_pixel-code</code>	2	<code>bslbf</code>
20	<code> reserved</code>	2	<code>bslbf</code>
21	<code> while (processed_length < segment_length) {</code>		
22	<code> region_id</code>	8	<code>bslbf</code>
23	<code> [...]</code>		
24	<code> }</code>		
25	<code>}</code>		

Fig. 3

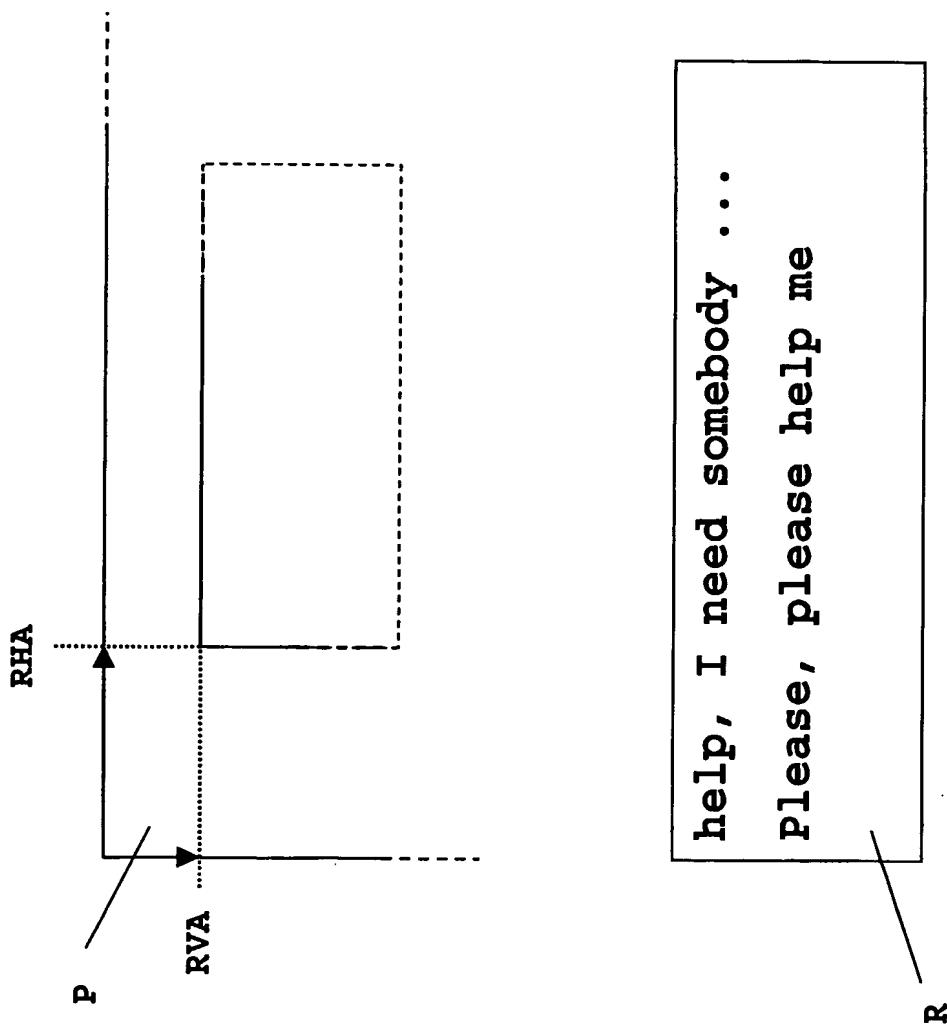


Fig. 4

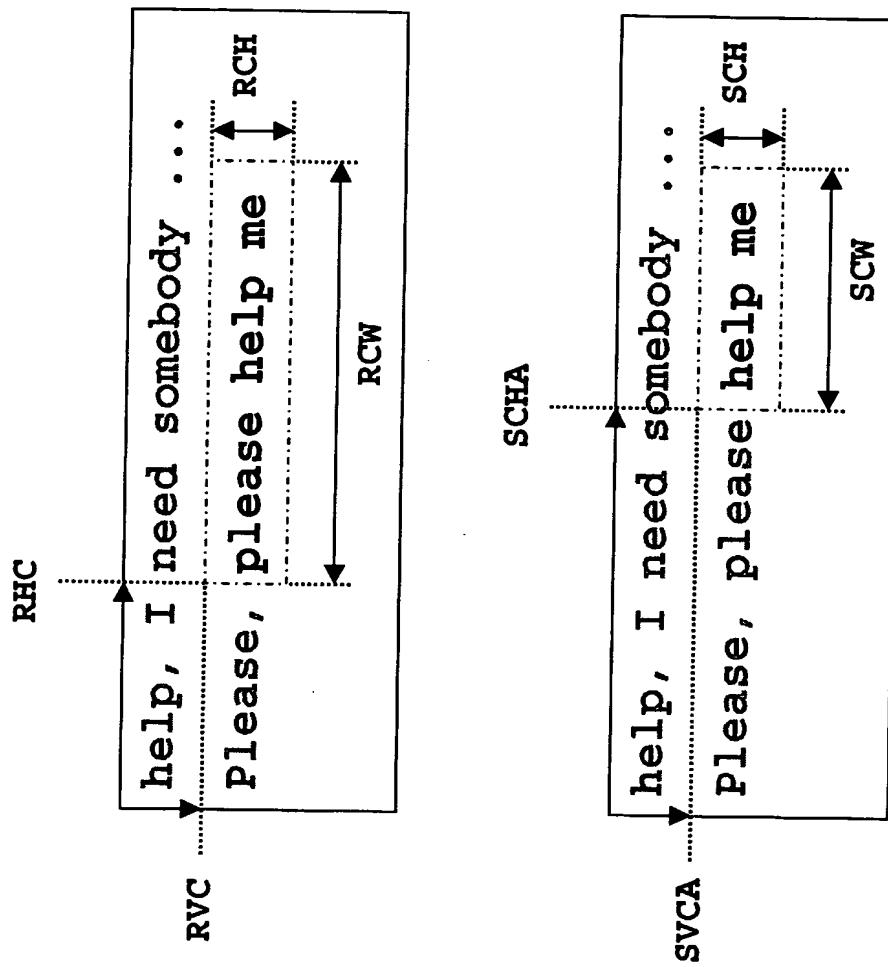


Fig. 5

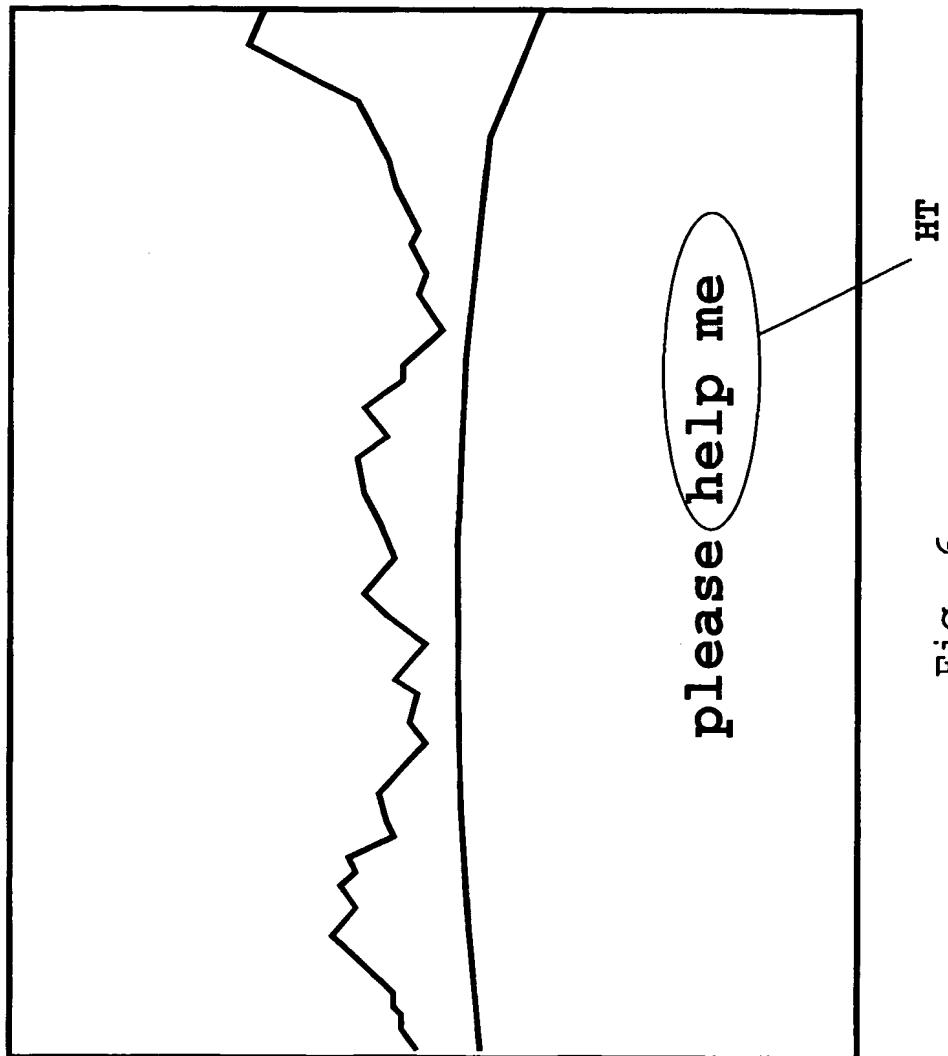


Fig. 6

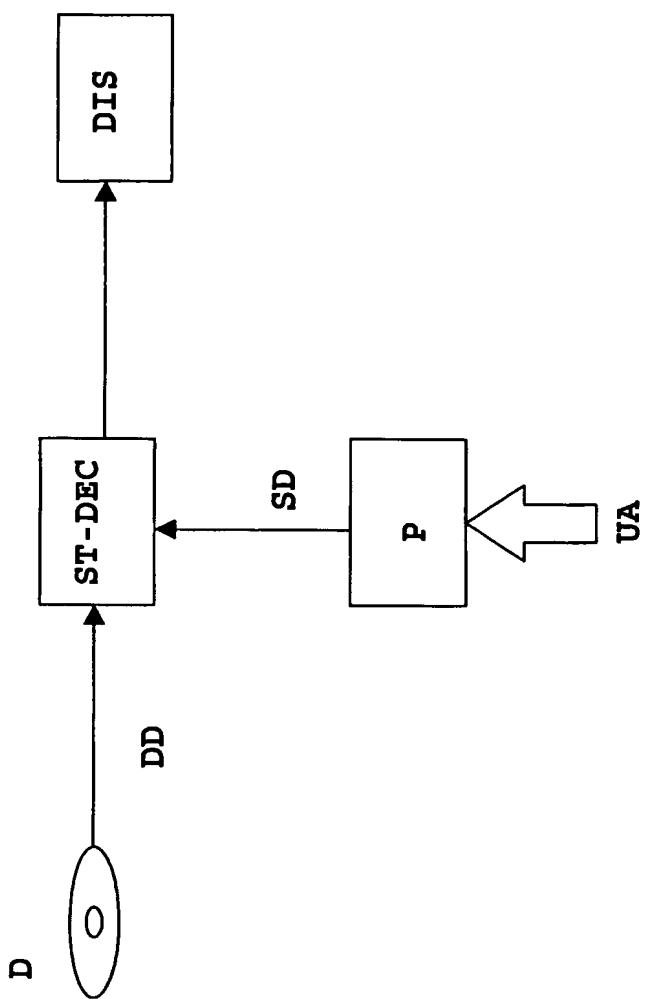


Fig. 7

Fig. 8

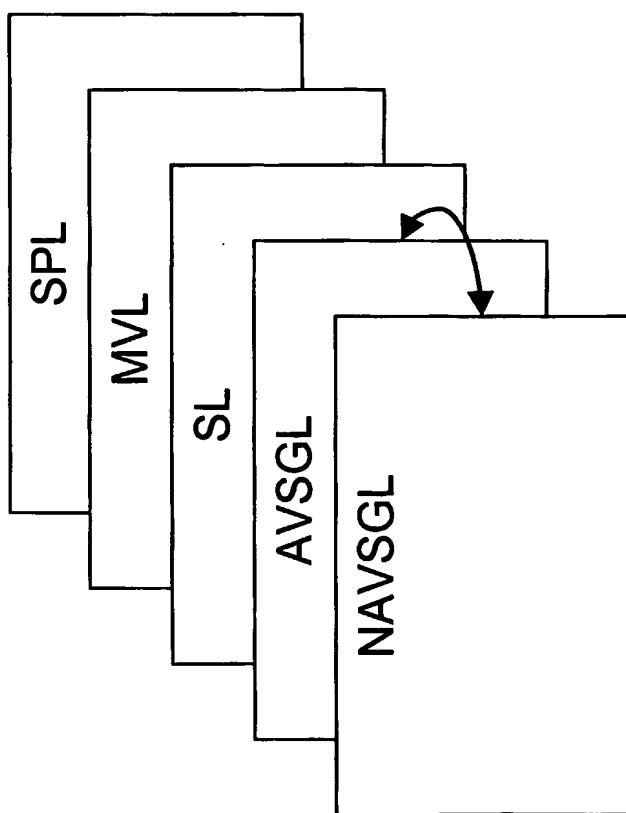


Fig. 9

